

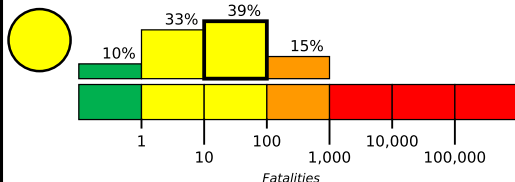
M 5.6, 6km N of Durres, Albania

Origin Time: 2019-09-21 14:04:24 UTC (Sat 16:04:24 local)

Location: 41.3807° N 19.4543° E Depth: 10.0 km

Created: 1 day, 0 hours after earthquake

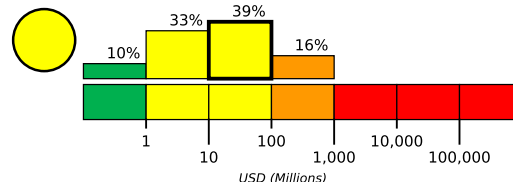
Estimated Fatalities



Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level response.

Estimated economic losses are less than 1% of GDP of Albania.

Estimated Economic Losses

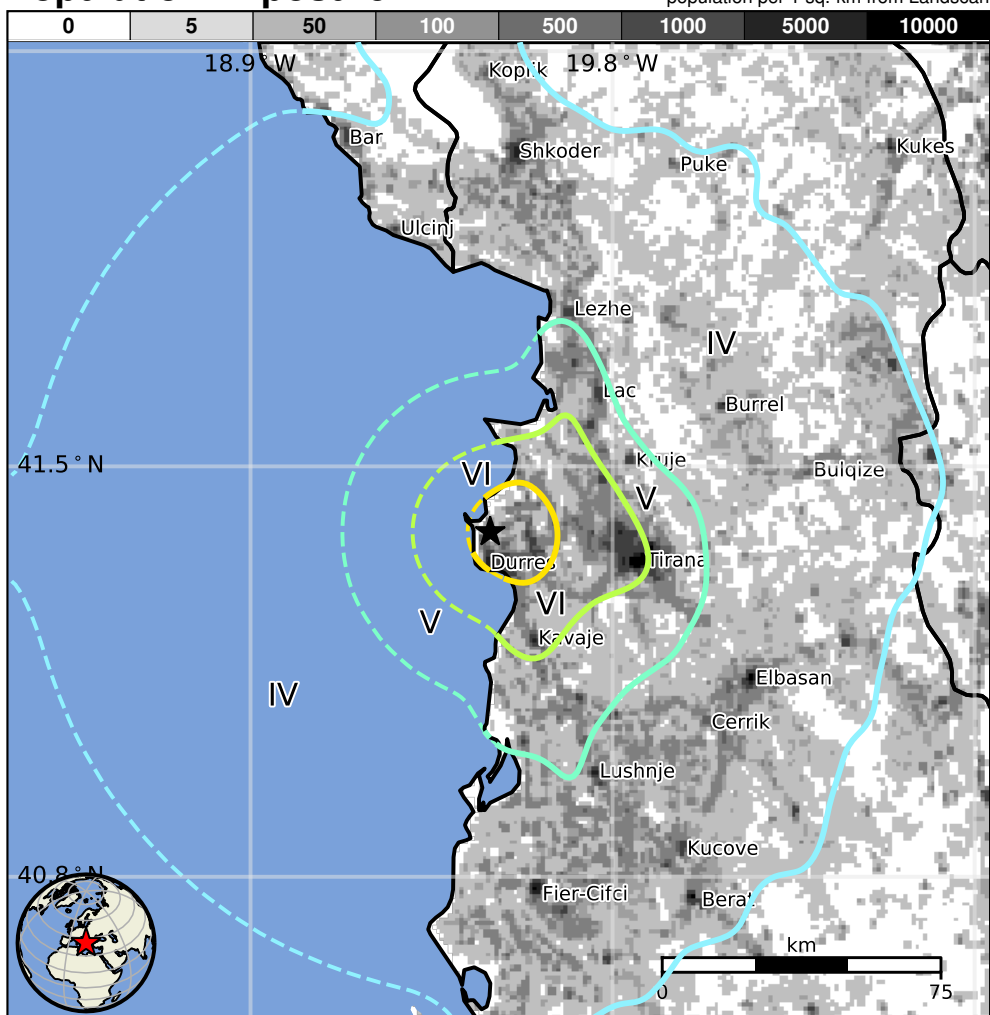


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	275k*	1,307k	245k	764k	215k	2k	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are unreinforced brick with timber floor and nonductile reinforced concrete frame construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2002-10-31	384	5.7	VIII(2k)	29
1978-06-20	329	6.2	VIII(28k)	50
1980-11-23	353	6.9	IX(37k)	2k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VII	Katundi i Ri	<1k
VII	Sukth	<1k
VII	Xhafzotaj	<1k
VII	Rrashbull	<1k
VII	Shijak	14k
VII	Durres	122k
VI	Tirana	375k
IV	Elbasan	101k
IV	Shkoder	88k
IV	Fier	56k
IV	Berat	47k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us600051rf#pager>

bold cities appear on map.

(k = x1000)

Event ID: us600051rf